

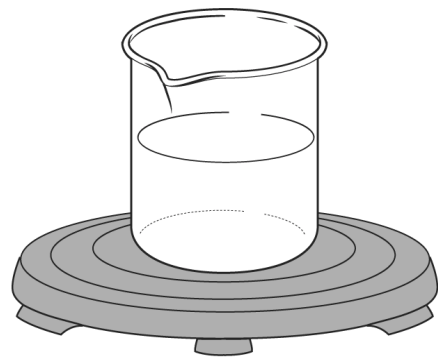
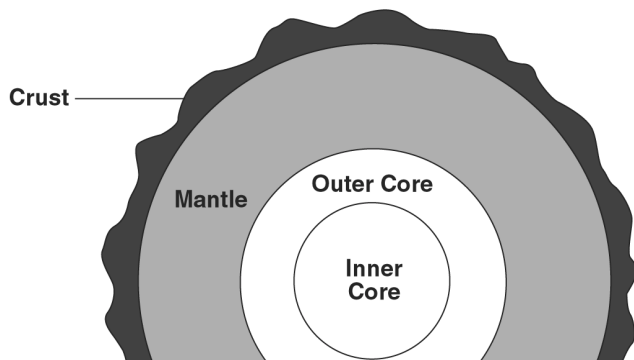
What causes plate tectonics?

Lesson Review

PART A Write the letter of the term that best completes each statement in the spaces provided.

- _____ 1. A convection current is caused by differences in
a. temperature. b. air pressure. c. mass. d. color.
- _____ 2. Scientists think that the movement of tectonic plates is caused by
a. conveyor belts b. heat in Earth's core.
c. pressure in Earth's crust. d. convection currents.
- _____ 3. Tectonic plates that move apart most likely are located along
a. mountains. b. continents. c. islands. d. rift valleys.
- _____ 4. In Earth, hot melted rock rises from near the
a. core. b. crust. c. inner core. d. mantle.

PART B Draw arrows on each diagram to show a convection current. Use red arrows for hot and blue arrows for cool.



Skill Challenge

Skills: modeling, analyzing

On each diagram below, draw arrows to show the different ways in which tectonic plates move.

